

Appl. No. 10/643,932

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims

1. (Cancelled)
2. (Previously presented) An insulative material as defined in claim 5, wherein the polyester sheet has a melt point of at least approximately 400°F.
3. (Previously presented) An insulative material as defined in claim 5, wherein the polyester sheet has an optical density of at least 3.10 at 75°F.
4. (Previously presented) A high reflectivity insulative material comprising an outer polyester sheet, a plastic backing, and an aluminum film between the polyester sheet and the plastic backing, wherein the polyester sheet has a high smoothness such that the aluminum film is substantially uniformly coated thereon, whereby the insulative material has a high reflectivity with said polyester sheet facing outwardly thereof, and wherein the polyester sheet, the aluminum film and the plastic backing form a laminate, a pair of said laminates being assembled symmetrically on each side of an insulation layer.
5. (Previously presented) A high reflectivity insulative material comprising an outer polyester sheet, a plastic backing, and an aluminum film between the polyester sheet and the plastic backing, wherein the polyester sheet has a high smoothness such that the aluminum film is substantially uniformly coated thereon, whereby the insulative material has a high reflectivity with said polyester sheet facing outwardly thereof, and wherein the polyester sheet, the aluminum film and the plastic backing form a laminate, a pair of said laminates being assembled symmetrically on each side of an assembly of at least two insulation layers with a plastic sheet between successive insulation layers.
6. (Previously presented) An insulative material as defined in claim 5, wherein the polyester sheet has a 48 gauge thickness.

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7. (Original) An insulative material as defined in claim 4, wherein the insulation layer comprises a closed-cell type insulation.
8. (Original) An insulative material as defined in claim 5, wherein each of the insulation layers comprises a closed-cell type insulation.
9. (Original) An insulation material as defined in claim 8, wherein the closed cells of at least two of the insulation layers are of different dimensions.
10. (Original) An insulative material as defined in claim 5, wherein each of the plastic sheet is made of white polyethylene.
11. (Previously presented) An insulative material as defined in claim 5, wherein the plastic backing has a reflective color.
12. (Original) An insulative material as defined in claim 11, wherein the plastic backing is made of polyethylene.
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Original) A method for producing a high reflectivity insulative material, comprising the steps of:

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a) providing and heating a polyester film having a melt point of at least approximately 400°F;

b) depositing a coating of aluminum on the heated polyester film; and

c) providing a reflective plastic backing on the aluminum coating opposite the polyester film.

19. (Original) A method as defined in claim 13, further comprising the step of:

d) providing a thermally insulative layer on the reflective plastic backing opposite the aluminum coating; and

e) providing a plastic sheet on the thermally insulative layer opposite the reflective plastic backing.

20. (Original) A method as defined in claim 18, wherein in step (b), the aluminum is vapor deposited on said polyester film.

21. (Original) A method as defined in claim 18, wherein the reflective plastic backing is made of polyethylene.